Dr.E.S.Rama Ravi Kumar

Designation	: Assistant Professor
E-Mail ID	: **esrravikumar**@vrsiddhartha.ac.in
Contact at	: Department of Mathematics, Velagapudi Ramakrishna Siddhartha School of Engineering , Siddhartha Academy of Higher Education(Deemed to be University) Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Pure Mathematics)

2013, Acharya Nagarjuna University

M.Phil (Mathematics)

2006, Acharya Nagarjuna University

M.S.C (Mathematics)

2003, Osmania University

B.S.C (M.P.C)

1996, Andhra University

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2007-Till date	Assistant Professor	Velagapudi Ramakrishna Siddhartha School Engineering , SAHE	Ph.D. guidance, research publications, NIRF/ NBA/NAAC coordination.
2005-2007	Lecturer	T.J.P.S. College (P.G courses) , Guntur	

Research Interests

Broad Area of Research :

Lattice Theory

Honors and Awards

- SRINIVASA RAMANUJAN MEMORIAL AWARD- 2022 @ KBN COLLEGE, VIJAYAWADA
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Courses Taught

S.No	Course Name	Level (UG/PG)
1	Engineering Mathematics I, II, III	UG
2	Discrete Mathematics , Probability & Statistics	UG
3	Probability and Statistics with R	PG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	sri rama ravi kumar emani - Google Scholar
Scopus	Ravi Kumar, Emani Sri Rama - Author details - Scopus Preview
ORCID	https://orcid.org/0000-0002-6201-3646

Recognized Research Supervisor

S.No.	Department	University
01.	Mathematics	Jawaharlal Nehru Technological University, Kakinada,
02.	Mathematics	KLU
03.	Mathematics	SAHE

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
NILL						

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Member	SAHE	2024 to present	CDMC(Discipline Committee)

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Graph theory	NPTEL	8 Weeks	2017
2.	Descriptive statistics	NPTEL	8 Weeks	2019

Consultancy / Industry Projects

Completed	
On-going	
Applied	

Patents

S.No	Title	Status	Application No.	Year
1.	An artificial intelligence and IOT Based Fabric defect detection system and method thereof	Published	202341022907	2023
2	A system and method for algebraic cryptography	Published	202341030942 A	2023
3	AI and ML based system for solving ordinary differential equations	Published	202541045364 A	2025

Ph.D

Awarded	
Guiding	01

Invited Talks

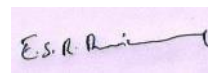| No. of Invited Talks	01

Professional Service / Reviewer

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Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	30
International / National Level Seminars	03 / 02
International / National Level Conferences	05 / 05
Workshops	15
Instructor Led / Self-Paced Courses	
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.		
2.		

(Dr.E.S.R.Ravi Kumar)

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